

## Refine Search

---

### Search Results

Term	Documents
(10 NOT 11).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6
(L10 not l11 ).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6

---

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US Patents OCR Backfile  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletin Database

**Search:**

Refine Search

Recall Text
↔
Clear

Interrupt

---

### Search History

---

**DATE: Friday, March 13, 2009**
[Purge Queries](#)
[Printable Copy](#)
[Create Case](#)
Set Name Query  
 side by side

Hit Count    Set Name  
 result set

<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=AND</i>	
<u>L12</u>	L10 not l11
<u>L11</u>	L10@ay>2003
<u>L10</u>	BrkA and Bordetella
<u>L9</u>	l8 and antigen
<u>L8</u>	l6 and (pertussis adj toxin)
<u>L7</u>	l6 and ((pertussis adj toxin) and (BrkA))
<u>L6</u>	L5
<u>L5</u>	L4 and adhesin
<u>L4</u>	L3 and Bordetella
<u>L3</u>	L1 not l2
<u>L2</u>	L1@ay>2003
<u>L1</u>	(immune adj response) and (FHA or filamentous adj hemagglutinin)

END OF SEARCH HISTORY